

PATENT APPLICATION
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q79839

Takao OHNO, et al.

Appln. No.: Continuation of
U.S. Application No. 10/030,247

Group Art Unit: Not Yet Assigned

Confirmation No.: Not Yet Assigned

Examiner: Not Yet Assigned

Filed: February 12, 2004

For: POLYMETAPHENYLENE ISOPHTHALAMIDE-BASED POLYMER POROUS FILM,
PROCESS FOR ITS PRODUCTION AND BATTERY SEPARATOR

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§ 1.97 and 1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 CFR §1.56, Applicants hereby notify the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form which are all the references of record in parent application No. 10/030,247. Applicants are not submitting duplicate copies of these references but request that they be listed on the face of any patent granted on the above application. (See 37 CFR §1.98(d)). Copies of any cited copending applications, if not previously submitted, are being submitted herewith.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicants do not

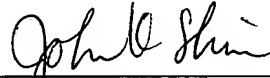
INFORMATION DISCLOSURE STATEMENT

Continuation of U.S. Application No. 10/030,247

Q79839

waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

Respectfully submitted,



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WASHINGTON OFFICE

23373

CUSTOMER NUMBER

Date: February 12, 2004

Substitute for Form 1449 A & B/PTO <u>INFORMATION DISCLOSURE</u> <u>STATEMENT BY APPLICANT</u> <i>(use as many sheets as necessary)</i>				<i>Complete if Known</i>		
				Application Number	Not Yet Assigned	
				Confirmation Number	Not Yet Assigned	
				Filing Date	February 12, 2004	
				First Named Inventor	Takao OHNO	
				Art Unit	Not Yet Assigned	
Examiner Name	Not Yet Assigned					
Attorney Docket Number	Q79839					
Sheet	1	of	2			

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
		US 5,296,318	A	03-22-1994	GOZDZ, et al.
		US 5,571,634	A	11-05-1996	GOZDZ, et al.
		US 3,094,511		06-18-1963	HILL, et al.
		US 4,539,393		09-03-1985	TAMURA, et al.
		US 5,688,596		11-18-1997	MAKINO, et al.
		US 5,571,875		11-05-1996	TSUTSUMI, et al.
		US 5,888,666		03-30-1999	KAWAKAMI
		US 3,658,529		04-25-1972	YESHIN

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
		JP	53-74571		07-03-1978		
		JP	59-36939		09-06-1984		
		JP	58-58113		04-06-1983		
		JP	56-2804		01-13-1981		
		JP	56-133339		10-19-1981		
		JP	2000-191823		07-11-2000		
		JP	2000-30686		01-28-2000		
		JP	53-144974		12-16-1978		
		JP	63-156836		06-29-1988		
		JP	63-108664	A	05-13-1988	ASAHI CHEM IND CO., LTD.	
		JP	63-108665	A	05-13-1988	TOSHIBA BATTERY CO., LTD.	
		JP	4-56062	A	02-24-1992	SANYO ELECTRIC, CO., LTD.	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
		Patent Abstracts of Japan, JP 10006453 A, dated 1/13/1998	
		DATABASE WPI, JP 52 109569 A, dated 9/13/1977, Derwent Publications Ltd., London, GB	
		DATABASE WPI, JP 2001 206973 A, dated 7/31/2001, Derwent Publications Ltd., London, GB	
		DATABASE WPI, JP 05 335005 A, dated 12/17/1993, Derwent Publications, Ltd., London, GB	
		L. Palacio, et al, "Porosity measurements by a gas penetration method and other techniques applied to membrane characterization," <i>Thin Solid Films</i> , Elsevier-Sequoia S.A., vol. 348, no. 1-2, July 6, 1999, pages 22-29	
		"Property Information" article, 2 pages.	

Examiner Signature	Date Considered
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		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
		JP	59-14494	B	04-04-1984		
		JP	5-335005	A	12-17-1993	ASASHI CHEM IND CO., LTD.	
		JP	7-78608	A	03-20-1995	TEIJIN LTD.	
		JP	7-37571	A	02-07-1995	TEIJIN LTD.	
		JP	60-52	A	01-05-1985	FUJI ELECTROCHEM CO., LTD.	
		JP	60-136161	A	07-19-1985	JAPAN VILENE CO., LTD.	
		JP	5-56251	B	08-19-1993		
		JP	9-289038	A	11-04-1997	ASAHI CHEM IND CO., LTD.	
		JP	10-64503	A	03-06-1998	TOYO CLOTH KK	
		JP	2-232242	A	09-14-1990		
		JP	3-64334	A	03-19-1991	TONEN CORP.	
		DE	41 27 603	A1	02-25-1993		
		DE	199 18 856	A1	11-11-1999		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶

Examiner Signature		Date Considered	
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